FIG. 1

InxGa _{1-x} N/InyGa _{1-y} N Super Lattice	120
P-GaN	118
Inz Ga _{1-z} N Barrier	114)
InyGa _{1-y} N Well	114 112 110
Low mole In xGa 1-xN	110
Si-In co-doped GaN	108
In-doped GaN	106
Buffer Layer	104
Substrate	102

FIG. 2

224
222
218)
216 }220 214
214
212
210
208
206
204
202

FIG. 3

InxGa _{1-x} N/InyGa _{1-y} N Super Lattice	322
P-GaN	320
In-doped GaN	318
In _z Ga _{1-z} N Barrier	-314 -312 316
In _y Ga _{1-y} N Well	312 \316
Low mole In xGa 1-xN	310
Si-In co-doped GaN	308
In-doped GaN	306
Buffer Layer	304
Substrate	302

FIG. 4

InxGa _{1-x} N/InyGa _{1-y} N Super Lattice	430
P-GaN	428
In-doped GaN	426
In _z Ga _{1-z} N Barrier	422)
InyGa _{1-y} N Well	4 20 \\ 424
Low mole In _x Ga _{1-x} N	418
Si-In co-doped GaN	4 16
In _x Ga _{1-x} N/In _y Ga _{1-y} N Super Lattice	414
In-doped GaN	412
In _x Ga _{1-x} N/In _y Ga _{1-y} N Super Lattice	408
In-doped GaN	406
Buffer Layer	404
Substrate	402